



Alleged Rioters' Fate To Be Decided By Judcomm And Court

The outcome of last week-end's riots is now in the hands of the Cambridge District Court and the student Judicial Committee. At an arraignment earlier this week all thirty of the jailed and bailed MIT students pleaded "not guilty", and the case was given a continuance until next Tuesday at lawyer's request. No testimony was given.

At final count the tally sheet shows that thirty-one students were arrested—twenty-seven by MDC policemen and four by the Cambridge constabulary. One of these was a Yale man; his fate is yet undetermined.

Of the thirty MIT men now out on bail, five have been cleared by the Institute and have its full support in the case. MIT has hired a lawyer for this group. The other twenty-five are being defended by a lawyer who is being paid out of Dormitory Council and Institute Committee money.

Both groups have had at least one meeting with their lawyer. At next Tuesday's court proceedings the defendants will bring witnesses and be prepared to give testimony.

Judicial Committee is working as rapidly as possible on the case, in hopes of reaching as many conclusions as possible which might affect the court action.

Students Hear Need For Policy Changes By Mrs. Roosevelt

Mrs. Franklin D. Roosevelt, former member of the U. S. delegation to the U. N., now a leading member of the American Association for the U. N., addressed a large audience at Kresge Auditorium Tuesday. The famed columnist gave a general criticism of U. S. policies, emphasizing the need for many social and administrative changes. Taking a positive stand on segregation, she asked, "Is that what you call democracy in the United States?" "It does not represent democracy," she asserted as she objected to the ill effect it has had upon American relations in Africa and Asia.

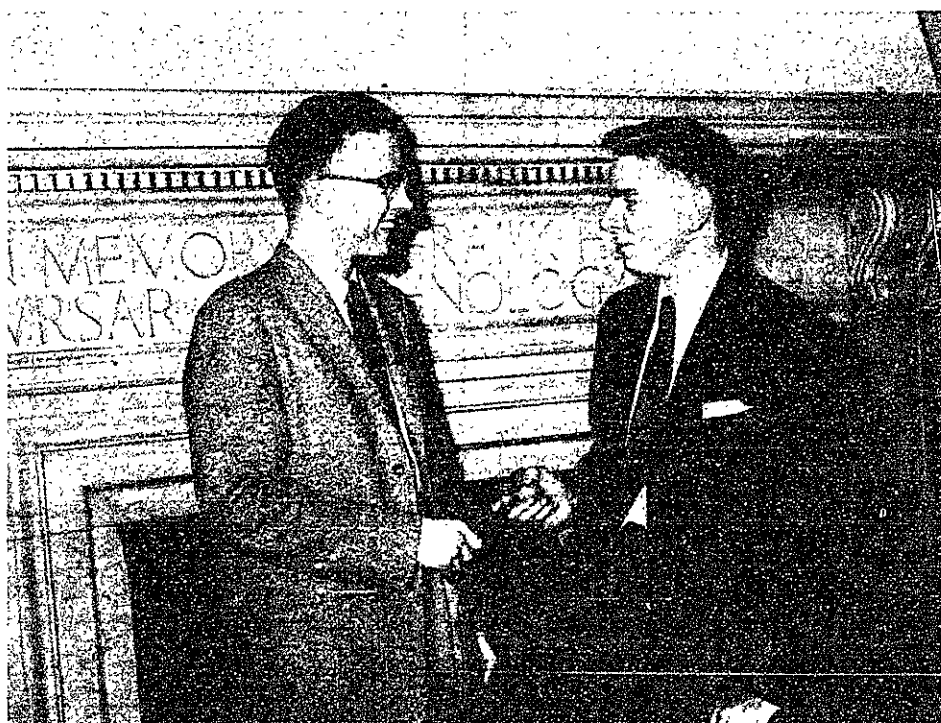
On foreign policy, she remarked that appropriations of military weapons to a country are often wasted, as in many cases "that country wouldn't last five minutes in an enemy attack." Military allotments at present constitute a large part of our foreign aid.

Commenting on atomic weapons, the graying speaker expressed a desire to see an elimination of atomic explosions by mutual agreement of a system of detection centers throughout the globe.

She stated that we should have intervened earlier in the Israeli-Egyptian crisis; i. e. when Egypt first denied Israel passage in the Suez Canal.

In discussing Soviet strength, Mrs. Roosevelt exclaimed, "Any time students are denied an education for financial reasons, we are wasting human material." She refuted ideas that communist education is inferior to ours. In one of her many anecdotes she recalled having met a Russian who spoke remarkably good English. In fact she was amazed at how closely his dialect resembled that of any native born American. She curiously asked the Russian if he had been to school in the United States and received the reply, "Oh, no, in the Soviet Union we can learn English with an American accent or with a British accent."

Evaluating the existing balance of power, she remarked, "We have put all of our money into atomic weapons and would find it more difficult to go to war than the Soviet Union."



The seemingly reluctant Mal Jones, on the right, releases his gavel and UAP to the smiling Arnie Amstutz.

Amstutz Replaces Jones New Inscomm Installed

Amidst a standing ovation, Malcolm Jones '57 handed over his gavel to Arnold Amstutz '58 at the close of the last '56-'57 Institute Committee meeting, Wednesday night. With the old Inscomm making a quick exit, Amstutz, the new UAP, began calling for order as the new Inscomm assembled.

Both meetings were short with the old Institute Committee electing Butch Dickerson '58 chairman of Judicial Committee before it adjourned.

Jones did not read his President's Report, but will release it in the near future.

Hughes Elected

Dick Hughes '58 was later elected

Secretary of Judcomm by the new Institute Committee. Also, Bob Jordan '58 and Jim Benneson '58 were elected to the new Executive Committee.

Old Judcomm Remains

It was decided before the election that the new Judcomm would not enter into the happenings of last Saturday night. By a unanimous vote it was stipulated that the '56-'57 Judcomm would handle any investigations in which it is now engaged. Mike Brenner '57, the sponsor of the motion, expressed his and Inscomm's view by stating that it would be far better for everyone concerned if all cases now before Judicial Committee would be handled by the men who knew the most about the circumstances.

In other business conducted during the old Inscomm meeting, money was appropriated to cover the legal expenses for those arrested in last Saturday's riot. It was decided, however, that each defendant would pay for court fees which did not exceed \$10 for the most serious offense. It was emphasized by Harry Flagg '57 that the money offered by Inscomm in no way sets a precedent. This was just an unusual case, according to Flagg, resulting from the urgency of the bail and the necessity of hiring a lawyer Sunday morning.

Penicillin Made By Chemical Synthesis; Dr. Sheehan Climaxes Nine Year Struggle

The chemical synthesis of penicillin, which for years has been one of the most baffling problems in chemistry, has been accomplished by Dr. John C. Sheehan, professor of chemistry, and Dr. K. R. Henery-Logan, research associate. The Institute will publicly announce the development this week-end.

Ten new kinds of the synthetic penicillin are now being tested for possible medical use, Dr. Sheehan said. While the new chemical method probably will not be cheap enough to compete with the established fermentation process by which penicillin is derived from molds, it is hoped that new forms will prove effective against disease organisms now resistant to natural penicillin and against a wider variety of infections. New penicillins might also have less tendency to produce allergic reactions.

The penicillin molecule is not an unusually complex one. Similiar molecules, such as those of quinine, morphine, cortisone and sucrose, had yielded to synthesis. But the penicillin molecule is unstable and disintegrates easily—especially at one point in the process. Constructing it in the laboratory has been compared to placing an anvil on top of a house of cards. The final step is so delicate that unless properly done the structure collapses.

During World War II, a thousand chemists working in 39 laboratories in the United States and Great Britain, spent what has been conservatively estimated as \$20,000,000 in the attempt to synthesize penicillin. One group did succeed in producing a microscopic quantity but the process was not a methodical one and practical production was out of the question. At that time, the structure of the molecule was not even understood.

By 1948, when Dr. Sheehan undertook the task, other chemists had given up and many were skeptical as to whether penicillin could ever be synthesized. He persevered and with the help of graduate and post-doctoral students continued the laboratory work for nearly nine years. Final results will be announced in the Journal of the American Chemical Society appearing March 11.

The Sheehan process employs novel reactions and technology which are expected to be useful in solving other chemical problems. It consists chiefly of a series of reactions at room temperature or below. The crucial step occurs when a carbon atom is bonded to a nitrogen atom, completing the structure of the final product, phenoxymethylpenicillin, which is known as penicillin V, the antibiotic which is commonly administered by mouth.

The research has been aided financially by Bristol Laboratories of Syracuse, N. Y. Medical research is being conducted by Merck, Sharp and Dohne Research Laboratories at Rahway, N. J., where the ten new types of the synthetic penicillin were prepared. These types are all antibiologically active and could not have been obtained through the fermentation process. They are being tested on animals.

Dr. Sheehan participated in penicillin research during the war at the Merck laboratories and was instrumental in devising a practical synthesis of penicillamine.

Baker Diners Boycott Again Wednesday; EC Anti-Rent Boost Resolution Approved

Housecomm Would Picket To Win Aim

Following last week's riots, peaceful meetings were held Tuesday night by the residents of the East Campus Houses. These meetings, held Tuesday night with the knowledge of the administration were held to consider rent increases and the riots. Student government leaders tried to explain what they had found from officials in connection with the rent increases.

At these meetings, and at the House Committee meeting the following night, it was explained that the Institute has a fund of endowments, the 6% interest on which, is used to meet expenses of the Institute. After the war, when the need for a new dorm was felt, some of the capital was used to acquire the West Campus Undergraduate Houses. Since this cut the funds available to the Institute, the administration felt that a 3% return on the money could be reasonably expected. Without figuring this return the dormitory losses amount to only about \$8,000.

When the rents were raised the administration assumed that students were familiar with the Ryer Report on Student Housing, which recommends the changes made. Due to a misunderstanding among the different branches of the administration, this promise was not justified—the report was not generally available to the students.

Most of the students felt they would like to know in greater detail how the money is spent. Dean Fasset and Mr. McIntosh of the Office of General Service will answer questions in Talbot Lounge on Monday evening at 9:30.

Jam Morss Hall For Second Time

The second Baker boycott in six days took place in orderly fashion on Wednesday, starting at five o'clock, as 230 students participated.

The protest proceeded quietly from five to seven; the Walker administration had anticipated the advent of the Baker-ites after being warned earlier in the day. The official stand was to be that of providing food for everyone until food ran short and then to provide it only for the regular eaters at Walker. However, this eventuality never occurred.

At five o'clock, and coming in bunches every half-hour, until 6:30, the Baker residents made good their protest. Upon arriving the fellows from Baker needed the signatures of some regular Walker eaters to obtain food. This occasioned the rather

amusing sight of people running around gathering signatures on slips.

The system was contrived at Wednesday's boycott, of having a student-staff member hand out slips to incoming Baker members. This facilitated matters and avoided the bottleneck at the check-out desk which happened at the first boycott.

The Baker strike policy was decided upon at the Baker House meeting last Sunday. The students in Baker were notified of the strike on Wednesday morning thus leading to the complete vacancy of the Baker dining facilities. The complaints, which the Baker residents expressed Wednesday night, are three-fold, 1) the food is very poorly put together and there is little enough of it; 2) the facilities

(Continued on page 3)



Baker residents either glumly recall Baker food or anticipate delicious Walker food in the Baker boycott

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editorials

On Trial

In accordance with Dean Rule's statement, the cases of the thirty-one students who were arrested in last Saturday's riot are to be brought up before the combined judicial committees of Dormitory Council and Institute Committee. As in the past, the rulings of these committees along with recommendations are to be submitted to the Faculty Committee on Student Discipline for approval. The magnitude of such a case is very rare on the MIT campus as the committee has full power to expel all thirty-one students and there is sufficient pressure on them to do so.

In a sense, the judicial committees themselves are on trial, not for expulsion but for the reputation of being part of a responsible student government. If they can come with some sound decisions and recommendations that will be approved by the Faculty Committee it will not only look good in the eyes of the students but will show the Administration that there is something to student government.

However, if the judicial committees become the Institute's "hatchet men" or fail to make reasonable decisions we will be back in the same old rut—students and Administration alike have no respect for student government.

letters

March 5, 1957

To the Editorial Chairman, *The Tech*:

I should be very grateful if you would publish the enclosed letter in *The Tech*. I believe we owe it to the entire Technology community to assure them that sanitation at MIT is not responsible for the recent demonstrations at Baker House.

Very truly yours,

Murray P. Horwood

March 5, 1957

Mr. William C. Brasuell, Jr.
Baker House, MIT
Dear Mr. Brasuell:

My attention has been called to a statement attributed to you in the Christian Science Monitor for March 4, 1957, relative to the causes of the student demonstration at Baker House on March 1 and 2. According to the published account you are reported to have said the following:

"Also there is protest over filthiness. The silverware often has food from the night before on it. You can find dirt in the milk. It's been going on for four years—since I came here. People want something done about it."

May I say that nothing could be further from the truth than the statement attributed to you as one of the causes of the so-called "riot," for it so happens that the dining service at Baker House is inordinately clean and sanitary. In fact I consider it one of the cleanest dining services in

the U.S.A. And I ought to know for I make weekly bacterial examinations of the eating and drinking utensils; a fortnightly bacterial examination of the milk and cream; and a detailed sanitary survey of the establishment once a month. In addition I make more casual inspections at least once a week and sometimes oftener.

Therefore I can testify to the fact that the eating and drinking utensils are clean and virtually sterile; that the milk and cream meet the Boston Health Department standards for bacterial purity consistently; that I have never found any dirt in the milk and cream; that the milk I have consumed at Baker House week after week has never had any off taste or flavor; and that the sanitary conditions at Baker House have been consistently exemplary. Furthermore I have in my possession the laboratory reports and the sanitary survey reports to support these conclusions.

It may be of interest to mention at this time that MIT has never had a single outbreak of disease since 1943, when the MIT sanitation service was inaugurated, that could be definitely attributed to any of its dining services. That is a record that cannot be matched by many institutions.

There may be many causes for the recent student demonstration at MIT, most of which in my opinion are unreasonable and without foundation; but any reflection on sanitation at MIT is not only baseless but it is purely a figment of the imagination.

I believe that you owe the MIT community and the public at large a forthright and unequivocal apology in this matter. If you did not make the statement attributed to you, a public denial will also be in order.

Very truly yours,

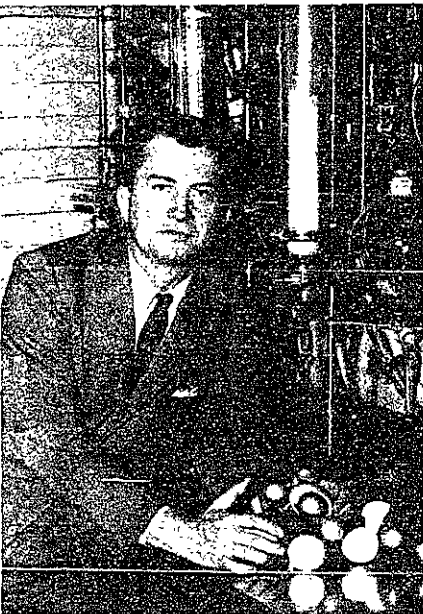
Murray P. Horwood

Editor's Comment: Mr. Brasuell and Dr. Horwood are talking about different things. Mr. Brasuell was referring to the dirt that abounds on the silverware and dishes, where Dr. Horwood assures us that if there is dirt, it certainly is clean dirt.

profile

Dr. John C. Sheehan

The man behind the new penicillin synthesis is a witty and personable individual who should respond with ease to national recognition of his achievement. Producing a vial about the size of a pencil stub, Dr. John C. Sheehan pointed with modest and rather amused satisfaction to the fine dispenser of white crystals which clung to its inside surface. The substance was



penicillin V, one of ten varieties which Dr. Sheehan and his associates have just succeeded in synthesizing.

In 1946 Dr. Sheehan joined the MIT faculty. In 1951, when he was 36 years old, he received the American Chemical Society Award in Pure Chemistry for his work on Penicillin and for his contributions during the war to the development of the Bachmann process for preparing RDX, a high explosive which was produced at a rate of 340 tons a day. It has been estimated that this process saved the government \$200,000,000 in manufacturing costs.

A native of Battle Creek, Mich., where his father was managing editor of a newspaper, Dr. Sheehan became interested in chemistry as a boy through the fascination of fireworks. He was graduated from Battle Creek College and received degrees of master of science and doctor of philosophy from the University of Michigan. He was research associate at that university before joining the Merck staff in 1941. He and Mrs. Sheehan now live in Lexington, Mass.

Dr. Sheehan's team will continue to work on penicillin and its related compounds for at least another year. "We have cracked the toughest nut," he says, "but the work is by no means finished." Additional areas currently under study include the synthesis of antibiotics, peptides, and sex hormones. The synthesis of natural products for medical and other use is Dr. Sheehan's specialty. A mentor of general organic chemistry, 5.41, he also teaches a graduate course in organic synthesis.

"I have always been fascinated with the penicillin molecule," Dr. Sheehan said, "both from a medical and a humanitarian point of view, and also because its synthesis has been one of the classical problems of organic chemistry." "Our team's big advantage over wartime crash program," he insisted, "was simply that we had more time to study the problem."

"Struggling nine years with the molecule," said John C. Sheehan characteristically, "was like playing a chess game in which your opponent is always one or two moves ahead."

ELECTRICAL ENGINEERS
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TAKE A LOOK AT WHAT
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FRIDAY, MARCH 15, 1957

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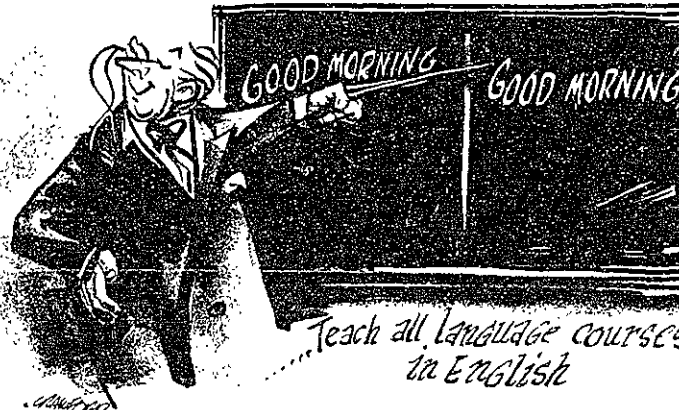
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FASTER, FASTER!

Pick up your paper every morning and what do you read? "CRISIS IN HIGHER EDUCATION." That's what you read. "ENROLLMENT SPIRALLING UPWARD—DESPERATE NEED FOR MORE CLASSROOMS, MORE TEACHERS." In classrooms, alas, do not spring up like mushrooms, like teachers like mayflies. So what must we do while we build more classrooms, train more teachers? We must get better use out of the classrooms and teachers we now have. That's what we must do.

This column, normally a vehicle of good-humored foolery, of joy that wrinkled care derides, of laugh holding both his sides, will today forsake levity to amine the crisis in higher education. My sponsors, makers of Philip Morris Cigarettes, as bonnie a bunch of tycoons as you will see in a month of Sundays, have given cheerful consent to this departure. Oh, splendid chaps they are, the makers of Philip Morris! Oh, darlings they are, fond of home, mother, porridge, the Constitution, and country fiddling! Twinkly and engaging they are, jaunty and sociable, roguish and winsome, full of joy, as packed with pleasure, as brimming with natural goodness, as loaded with felicity as the cigarettes they bring you in two convenient sizes—regular in the handy snap-open pack, and new long-size in crushproof flip-top box—both available at moderate cost from your favorite tobacconist. Light one now. Light either end. No filter cigarette can make that statement.



Let us then, with the gracious connivance of the makers of Philip Morris—Oh, splendid chaps! Oh, gracious connivers!—take up the terribly vexing question of how we can turn out more graduates with campus facilities as they now exist.

The answer can be given in one word: *speedup!* Speed up the educational process. Streamline courses. Eliminate frills. Sharpen. Shorten. Quicken.

Following is a list of courses with suggested methods to speed up each one.

PHYSICS—Eliminate slow neutrons.

PSYCH LAB—Tilt the mazes downhill. The whiz mice will run much faster.

ENGINEERING—Make slide rules half as long.

MUSIC—Change all tempo to allegro. (A collateral benefit to be gained from this suggestion is that on you speed up waltz time, campus proms will all be over by 10 p.m. With students going home so early, romance, language and marriage counselors can be transferred to the buildings and grounds department. Also, housing now used for married students can be returned to the school of animal husbandry.)

ALGEBRA—If "x" always equals 24, much time-consuming computation can be eliminated.

LANGUAGES—Teach all language courses in English.

DENTISTRY—Skip baby teeth. They fall out anyhow.

POETRY—Amalgamate the classics. Like this:

*Hail to thee, blithe spirit
Shoot if you must this old gray head
You ain't nothin' but a hound dog
Smiling the boy fell dead.*

You see how simple it is? Perhaps you have some speedup ideas of your own. If so, I'll thank you to keep them to yourselves.

© Max Shulman, 1957

The makers of Philip Morris have no interest in any speedup. We age our fine tobacco slow and easy. And that's the way smokes—slow and easy—a natural smoke.

BAKER BOYCOTT

(Continued from page 1)
are dirty; and 3) they feel that with compulsory commons the quality should be better.
One of the major complaints in accordance with the first point is the fact that Stouffers catering service is handling the Walker food and not the Baker food. However, Mr. R. Colin MacLaurin, Director of General Services, while observing the dining situation in Walker, promised the institution of the Stouffers catering service in Baker "sometime this spring."

The strike was scheduled for Wednesday since the menu at Baker was the same as on Friday when the first protest took place. It comprised a choice of either liver sautee or fried scallops.

CAN YOU HELP?

Urgent—Will anyone who saw me being arrested by the police near the West entrance of Baker House at 3:00 a.m. Sunday please contact me. Your name need not be used.

**Ken Reinschmidt
504 Bemis, East Campus**

EC Students Mull Rent Rise At Mass Meetings Tuesday

In House Committee meeting Wednesday night, the East Campus House Committee elected a five-man committee which will place before the Administration the feelings of the students about rent increases, and, if no changes are forthcoming, may decide to picket the offices of the members of the administration.

The committee consists of Robert Walter '57, Alar Toomre '57, the retiring Chairman of the House Committee, John Friedman '57, outgoing Editor of *The Tech*, Stephen Samuels '59, News Editor of *The Tech*, and Scotty Patrick '57.

The first article of the resolution, which was drawn up by the residents of Ware dormitory, and introduced by John McElroy '59, reads: "Resolved that East Campus House Committee endorses the following statement: Dormitory rents for the past year were at the very top of local prices for similar accommodation and

services. The recently announced rent increases and service cuts place the dormitories in an exorbitantly high class—far higher than accommodations and services merit. The residents of East Campus feel the changes are excessive and request in good faith that a more equitable system be substituted. Two reasonable solutions are available—modification of the demand for investment returns, or more efficient management, perhaps by an outside firm. We ask that one be used."

The other three parts of the resolution provide for the five-member committee, elected by the House Committee from East Campus residents; seek the cooperation of the Baker and Burton House Committees; and ask that in the event no concessions are made, there may be picketing of administration offices. This last clause was passed by a narrow margin only after three re-votes.

Activities Council To Ask New Inscom For By Laws Review

The Activities Council is still fighting for more representation on the Institute Committee. The proposed by-law changes were not approved at the last Institute Committee meeting. Representation was the subject of most of the discussion. Inscomm objected to the fact that, under the new by-laws, there are three Activities Council representatives to Inscomm. The specific objection was that these three representatives are to be chosen from the thirteen presidents of the class A activities. According to Inscomm, this is limited selection and not true representation. The eighty-five class B activities, the body felt, would never participate in Inscomm meetings.

Activities Council Chairman, Ed Roberts '57, stated last week that the Council will present their proposed by-laws to the new Inscomm. Roberts said that he expected the new Inscomm to take favorable action. According to Roberts, Inscomm in its last meeting failed to adhere to the business at hand.

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ON CAMPUS INTERVIEWS

March 14, 15

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Interviews to be held **Thursday, March 14 and Friday, March 15, 1957** may be arranged through the **Student Placement Center**.

The Ramo-Wooldridge Corporation

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Travis Amis Elected New TCA President; Rawls Steps Down

The Technology Community Association completed the first year of operation under its new name, ("Community" replaced "Christian") with the election of officers. The results of these elections place R. Travis Amis '58, in the post of President, succeeding Fitz Rawls '57. Lawrence Leonard '58, was elected Vice-President in charge of services, and Harvey J. Notarius '58, was re-elected Vice President in charge of Social Services, Spencer Swinton '59, became Vice President in charge of Religious Action, Hartley Hoskins '59, was elected Secretary, and Lynn Sykes '59, Treasurer.

According to the Association's annual report, a new mimeograph machine was acquired, and proved useful to organizations on campus putting out flyers and newsletters. TCA's new hotel service has shown since its inception last fall, that it can save money for the traveling MIT student through the use of student rates. This service acquires all tickets and reservations for the traveler, who may then pick them up at the TCA office. Another innovation, the All-Campus Charities Drive, held this past November, raised over \$1,700, and will be enlarged upon in the future.

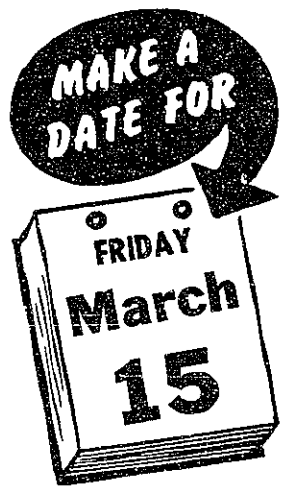
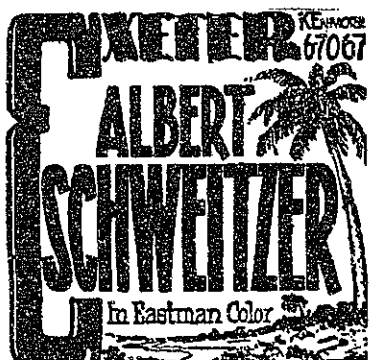
However, the initiation of Help Week programs, held in conjunction with the various fraternities, was described by the report as "perhaps the most successful project of all".

Along with these newer developments, the regular events of the TCA year have been reported as successful. The past year saw over \$1,500 handled by the book exchange, with future prospects of still greater turnovers. The Christmas parties which were sponsored by the Association afforded entertainment for a total of more than four hundred children, while last spring's Easter Egg Hunt was successful enough to warrant another this year.

Dormitory Council Members, Officers For Coming Year

The following were elected in the dormitories:

Baker House
Howard Paul Zeiger '58
House Chairman
George Julian Meyers '60
Inscomm Representative
Sheldon Lee Epstein '60
Elections Chairman
Ronald Rudger Willey, Jr. '59
Social Chairman
Ronald Carl Rosenberg '59
Athletic Chairman
East Campus
William Henry Levison '58
House Chairman
John Isiah Brauman '59 Secretary
Alberto Velachaga '59 Treasurer
Martin Richard Birnby '59
Actions Chairman
Frank George Schmaltz, Jr. '58
Athletic Chairman
Joseph Conrad Burgiel '59
Social Chairman
Eugene Zoba '59 Judicial Chairman
Marvin Lee Manheim '59
Dormcon Rep.
Conrad Reuck '58 Dormcon Rep.
Burton
Lewis Hart Cohen '58
House Chairman
Jan Arwood Northby '59
Inscomm Rep.
George Henry Connor, Jr. '59
Dormcon Rep.
William Post Ross '59 Dormcon Rep.
Arthur Christoffer Fiorelli '58
Secretary
Bernard S. Levy '59 Treasurer



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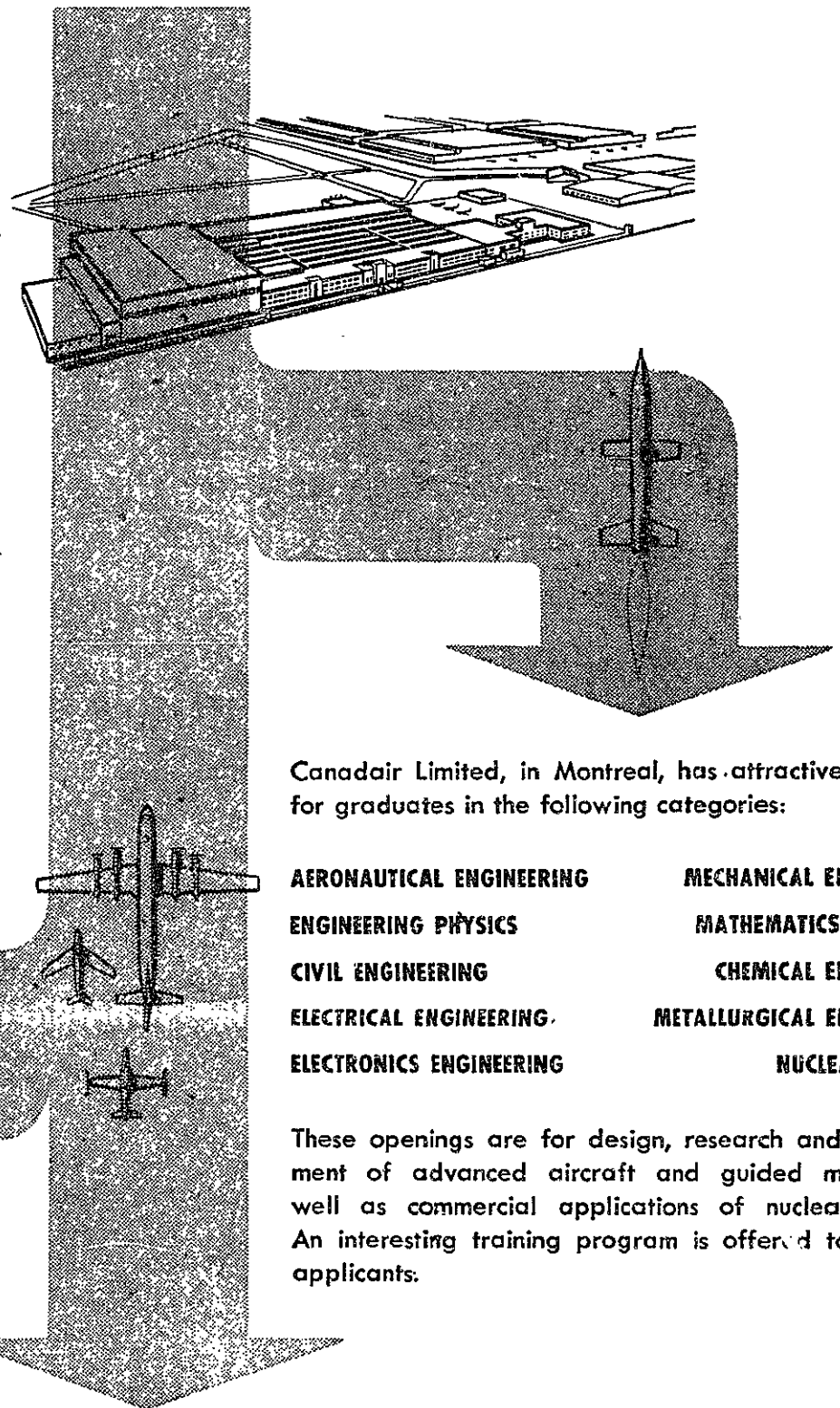
Communications
Guided Missile Research and Development
Automation and Data Processing
Digital Computers and Control Systems
Electronic Instrumentation and Test Equipment
Basic Electronic and Aeronautical Research

Interviews to be held Thursday, March 14 and
Friday, March 15, 1957 may be arranged
through the Student Placement Center.

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Canadair Limited, in Montreal, has attractive openings
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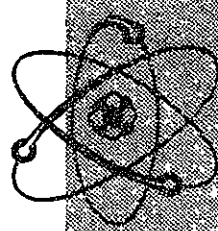
AERONAUTICAL ENGINEERING	MECHANICAL ENGINEERING
ENGINEERING PHYSICS	MATHEMATICS & PHYSICS
CIVIL ENGINEERING	CHEMICAL ENGINEERING
ELECTRICAL ENGINEERING	METALLURGICAL ENGINEERING
ELECTRONICS ENGINEERING	NUCLEAR PHYSICS

These openings are for design, research and development of advanced aircraft and guided missiles, as well as commercial applications of nuclear energy. An interesting training program is offered to selected applicants.

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Tuesday, March 19

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5	1.01	1.15	1.78
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24	1.59	1.94	2.52
36	2.30	3.03	3.25
43	2.95	4.22	3.83

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MARCH 12

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Mr. Charles S. Fernow
Administrator of Technical Education

ARMA

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Roosevelt Field, Garden City, L. I., N. Y.

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March 14, 15

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Squash Tournament *bush leaguer* To Feature Thomas, Crimson's Hechscher *Courtney Heads All-Stars*

The Intercollegiate squash championships will be held this Friday, Saturday, and Sunday, at the MIT squash courts. Approximately twelve colleges will be represented, most from the New England area. Yale, who recently won the regular season team squash championship, will be favored to score heavily in the team championship matches, although the Yale team is not particularly strong in their top three players.

Defending individual champion, Ben Hechscher '57 of Harvard, will be back to defend his title, and he is an obvious favorite, having remained undefeated in his collegiate matches this year. Leading the MIT team will be captain Tom Thomas '57. Tom has been playing very well this term, and has lost some heartbreaking five game matches. A point here and there could turn past defeats into victories for Tom. MIT's second man, Bill Bateman '57 has played well at times, but is unpredictable. If he is on a hot streak he could do fairly well. Number three man, Henry Lyden '57, has been improving steadily as evidenced by his five game match with Yale's three man this past week. Jesse Wallace '58 will be Tech's fourth man. Jesse has improved considerably since the season began, but he is not ready to compete with Hechscher, Thomas, etc. In last year's tournament, MIT's Juan Hermosilla '57 placed second. Juan was beaten by Hechscher in the finals.

There is no admission charge for the finals, and some great squash will be played.

Marked by an absence of one team superiority, The Tech presents the 1956-1957 Intramural Basketball All-star Team. Individual adeptness finds its reward in this column also via numerous personal citations, given in true bushleaguer tradition.

Topping the first squad of all stars, by virtue of his superb ball-playing and tremendous scoring ability, is freshman Tom Courtney. The East Campus whiz kid dropped in 96 points in the playoff competition, an average of 19.2 points, to almost double his nearest competitor's earnings.

Ed Shaw, playing on a losing Student House team, was impressive enough to warrant a berth on this team also, as was Sigma Chi star Bob White. Both of these boys, as is the case with Courtney, are members of the Class of '60, meaning they'll be around for plenty more action in the years to come.

The last two positions go to Graduate House standout Bill Trautman, and Beta Theta Pi sophomore Warren Goodnow. All players proved their merit by averaging more than 10 points per game in the playoffs.

Davey Crockett '59, another member of East Campus' unbeaten five, joins Dave Larson '58 DU, Don Aucamp '57 Phi Gamma Delta, Larry Flanigan '57 Sigma Chi, and Ken Auer '58 DU in comprising the second team.

Totals of the individual scoring leaders not being available at press time, *The Tech* has had to come up

with some awards of its own, to take their place.

Award and Recipient

The Ed Roberts Award for most vociferous player—Bob Kersey '57 Betas.

The Dean Rule Award for the most deceptive player—Tom Courtney '60 EC.

The Harry Flagg Award for the biggest ham—Joe Leitgeb Grads.

The Jack Oba Segal crying towel—Dick Sherman '58 Baker

The Bill Salmon Award for the most spectacular spectator—John A. Friedman '57

The Joseph Snyder Award for the least liked player—Not Awarded.

The Pat McGovern Award for the most publicity conscious player—Pat McGovern '59 Phi Gam.

The Alfred E. Newman Award for the most surprising player—Helmut Weymar '58 Phi Gam.

The Confidential Magazine Award for best man in the key-hole—Warren Goodnow '59 Betas.

The Outing Club Award for wildest player—Davey Crockett '59 EC.

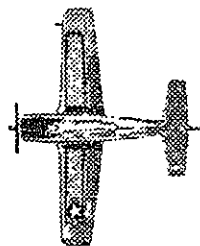
The Audabon Society Award for the best ballhawk—Chuck Ingraham '58 Phi Gam.

The MIT Coed Award for the most inexperienced player—F. John MacElroy '59

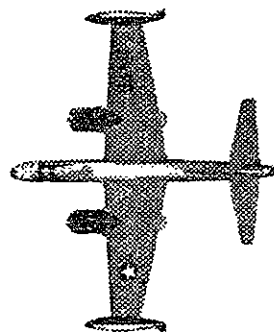
The Class of '60 Award for the rookie of the year—Tom Courtney '60 EC.

The Voo Do Award (Booby Prize) for the team most likely not to show up—Burton House.

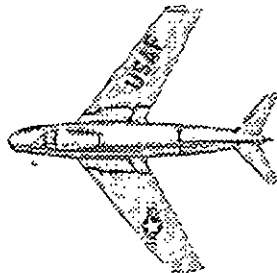
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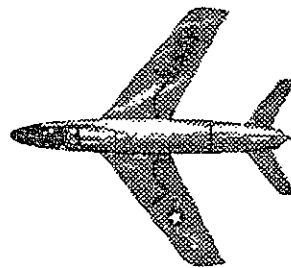
T-28 Worthy successor to the world famous AT-6



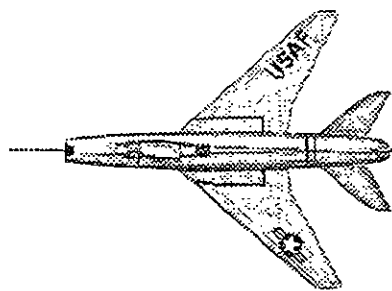
B-45 America's first four engine jet bomber



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Two Graduates Win Fulbright Study Aid

The first Fulbright Scholarships for foreign study to be awarded here this year have gone to two graduate students in courses VIII and VI. William McIntyre Layson, of Millersburg, Kentucky, may study Physics at the University of Sydney, Australia, while Robert Cyril Brigham, of East Orange, New Jersey, may study digital computers at the New South Wales University, also in Sydney, according to Mr. David Dudley, Fulbright advisor.

By granting scholarships through this program, foreign countries can receive credit for debts to the US Government without any actual currency exchange. The two Australian grants include full tuition plus travel and maintenance expenses. Ten to twenty additional Fulbright Scholarships are expected here later this year.

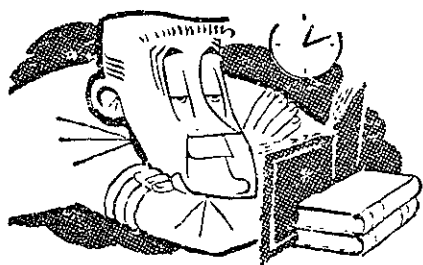
MILITARY BALL

The 1957 Military Ball will be held March 15 at the Hotel Bradford in the Grand Ballroom. Herbie Wayne and his orchestra will provide the music. Tickets which are only \$4.00 per couple are now on sale at the booth in Building 10 lobby.

BASEBALL PRACTICE

Varsity and Freshman baseball practice starts Monday, March 11, at 4:00 p.m. in the Cage. All candidates welcome.

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Stowe-Mansfield Association
Tel. Stowe, Vermont 6-2652

Weekend Features NEISA Championships At UCONN.

The most successful MIT swimming team in the past ten years travels to the University of Connecticut, this Friday and Saturday to compete in the NEISA Championships.

MIT will be represented in the championships by 11 varsity swimmers and a 4-man freshman freestyle relay. Tech's Medley Relay composed of Al Hortman '58, Lynn Jacobsen '59, Ed Getchell '59, and Bill Veeck '58 has been doing a fine job all year but will see some good competition this week-end and will have to do some fast swimming if they want to score.

Murray Kohlman '58 will be Tech's lone entry on the distance events. Murray's best for the 220 this season has been 2:23.3. It looks as though it will take a 2:20.0 or better to place next week-end, but Murray has been looking good this week and always swims better under pressure. In the 440 things look much brighter as

Murray's 5:14.0 compares much better with other times in the league and should place on the top three.

Ed Getchall '59, who holds the school record for the 100 fly in both 20- and 25-yard pools, will find the going pretty rough but has the potential to do well. Lynn Jacobson '59 will represent the Beavers in the 200-yard breaststroke. Having improved his time by 8 seconds in the past two weeks, Lynn has become one of the top breaststrokes in the league and should do very well in the championships.

Dave Bryson '57, who took fourth place last year in the Championships will be out to take the top spot this year, since several good men have graduated from college. Two men, Al Hortman '58 and Al Johnson '58, will be representing Tech in the 200-yard backstroke. Their chances for taking a place are extremely good on the comparative time basis.

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Jim Walker asks:

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I soon learned that the success of a large-scale chemical process hinges importantly on mechanical equipment. And the success of this equipment—especially for a new process—depends on (1) Research, (2) Development, (3) Plant Engineering, and (4) Close Supervision. The net result is that a mechanical engineer at Du Pont can progress along any one of these four broad highways to a top-level position.

My own DuPont experience includes mechanical engineering work in fields as varied as atomic energy, fabrics and finishes, and nylon manufacture. Every one of these brought with it a new set of challenging problems in construction, instrumentation and power supply. And every one provided the sort of opportunities a man gets in a pioneering industry.

So, to answer your question, Jim, a mechanical engineer certainly has plenty of chances to get somewhere with a chemical company like Du Pont.

H. M. Pickering, Jr., received a B.S. in M.E. and E.E. from the University of Minnesota in 1940. He gained valuable technical experience at Hanford Works, in Richland, Wash., and in Du Pont's Fabrics and Finishes Plant at Parlin, N.J. Today, he is Assistant Plant Manager at Du Pont's Seaford, Del., plant, where nylon is made.



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